Validated By CRFValidator v 1.0.3

Application No: 10597305   Version No: 3.0

Input Set:

Output Set:

Started: 2010-10-27 11:22:55.308
Finished: 2010-10-27 11:22:58.944
Elapsed: 0 hr(s) 0 min(s) 3 sec(s) 636 ms
Total Warnings: 49
Total Errors: 0
No. of SeqIDs Defined: 49
Actual SeqID Count: 49

Error code   Error Description

W   213   Artificial or Unknown found in <213> in SEQ ID (1)

W   213   Artificial or Unknown found in <213> in SEQ ID (2)

W   213   Artificial or Unknown found in <213> in SEQ ID (3)

W   213   Artificial or Unknown found in <213> in SEQ ID (4)

W   213   Artificial or Unknown found in <213> in SEQ ID (5)

W   213   Artificial or Unknown found in <213> in SEQ ID (6)

W   213   Artificial or Unknown found in <213> in SEQ ID (7)

W   213   Artificial or Unknown found in <213> in SEQ ID (8)

W   213   Artificial or Unknown found in <213> in SEQ ID (9)

W   213   Artificial or Unknown found in <213> in SEQ ID (10)

W   213   Artificial or Unknown found in <213> in SEQ ID (11)

W   213   Artificial or Unknown found in <213> in SEQ ID (12)

W   213   Artificial or Unknown found in <213> in SEQ ID (13)

W   213   Artificial or Unknown found in <213> in SEQ ID (14)

W   213   Artificial or Unknown found in <213> in SEQ ID (15)

W   213   Artificial or Unknown found in <213> in SEQ ID (16)

W   213   Artificial or Unknown found in <213> in SEQ ID (17)

W   213   Artificial or Unknown found in <213> in SEQ ID (18)

W   213   Artificial or Unknown found in <213> in SEQ ID (19)

W   213   Artificial or Unknown found in <213> in SEQ ID (20)

Input Set:

Output Set:

Started:	2010-10-27 11:22:55.308
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Actual SeqID Count:	49

Error code   Error Description

This error has occured more than 20 times, will not be displayed

<210>   1
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<212>   DNA
<213>   Artificial Sequence

<220>
<223>   M13 forward primer

<400>   1
gaccggcagc aaaatg   16

<210>   2
<211>   16
<212>   DNA
<213>   Artificial Sequence

<220>
<223>   M13 reverse primer

<400>   2
caaaagggtc agtgct   16

<210>   3
<211>   20
<212>   DNA
<213>   Artificial Sequence

<220>
<223>   forward primer for gamma-parvin

<400>   3
ctctgaagga cccagcagtc   20

<210>   4
<211>   20
<212>   DNA
<213>   Artificial Sequence

<220>
<223> reverse primer for gamma-parvin

<400> 4
gcagctgtag ggatagcctg   20

<210> 5
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> forward primer for Foxp1c

<400> 5
cgaatctcca gaaaagcagc   20

<210> 6
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> reverse primer for Foxp1c

<400> 6
aaatctggac tgtggttggc   20

<210> 7
<211> 20
<212> DNA
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<220>
<223> forward primer for c-myc

<400> 7
gcccagtgag gatatctgga   20

<210> 8
<211> 20
<212> DNA
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<220>
<223> reverse primer for c-myc

<400> 8
gaatcggacg aggtacagga   20

<210> 9

<211> 20
<212> DNA
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<220>
<223> forward primer for KC1

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ggcaacgaga agatcaccat   20

<210> 10
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<220>
<223> reverse primer for KC1

<400> 10
ccacattgac ctggcctact   20

<210> 11
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<220>
<223> forward primer for PA-PRP

<400> 11
cttattgttg gtgctgccct   20

<210> 12
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<220>
<223> reverse primer for PA-PRP

<400> 12
ggttggtcga ggagtgttgt   20

<210> 13
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<220>
<223> forward primer for IRAK

<400> 13
gaagccttgc cagatagcag   20

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<220>
<223>   reverse primer for IRAK

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gcaagacaag aaagcaaggg                                                20


<210>   15
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<220>
<223>   forward primer for L10A

<400>   15
cacacattgg gcttcacaac                                                20


<210>   16
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<213>   Artificial Sequence

<220>
<223>   reverse primer for L10A

<400>   16
tgagttcaca ttccagcagc                                                20


<210>   17
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<212>   DNA
<213>   Artificial Sequence

<220>
<223>   forward primer for pre-pro-proteinase 3

<400>   17
acgtgcttct cctccagcta                                                20


<210>   18
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<212>   DNA
<213>   Artificial Sequence

<220>
<223>   reverse primer for pre-pro-proteinase 3
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<400>  18
agggaacaga gctgactcca                                              20


<210>  19
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<212>  DNA
<213>  Artificial Sequence

<220>
<223>  forward primer for myeloblastosis oncogene

<400>  19
gaagaaagtg cctcaccagc                                              20


<210>  20
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<212>  DNA
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<220>
<223>  reverse primer for myeloblastosis oncogene

<400>  20
gttcaagaac tgcgagggag                                              20


<210>  21
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<212>  DNA
<213>  Artificial Sequence

<220>
<223>  forward primer for CBP35

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ctcctcctag tgcctacccc                                              20


<210>  22
<211>  20
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<213>  Artificial Sequence

<220>
<223>  reverse primer for CBP35

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gtcacgactg atccccagtt                                              20


<210>  23
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<213>  Artificial Sequence
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<220>
<223> forward primer for IL-7 receptor

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tgccagattc atgaggtgaa   20

<210> 24
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> reverse primer for IL-7 receptor

<400> 24
ggagagcaag cattccagac   20

<210> 25
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> forward primer for LPL

<400> 25
cagctgggcc taactttgag   20

<210> 26
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> reverse primer for LPL

<400> 26
ccatcctcag tcccagaaaa   20

<210> 27
<211> 20
<212> DNA
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<220>
<223> forward primer for ferritin H chain

<400> 27
gaccgagatg atgtggctct   20

<210> 28

<211> 20
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<213> Artificial Sequence

<220>
<223> reverse primer for ferritin H chain

<400> 28
aaaagatgaa ggcagcctga   20

<210> 29
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> forward primer for MMP 12

<400> 29
tttggagctc acggagactt   20

<210> 30
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> reverse primer for MMP 12

<400> 30
gcttggccat atggaagaaa   20

<210> 31
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> forward primer for RGS

<400> 31
gcagcaacct agaagccatc   20

<210> 32
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> reverse primer for RGS

<400> 32
tgtgagacgg caagaatgag   20

<210> 33
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> forward primer for Serpina3G

<400> 33
ttcaacctca cagagacccc   20

<210> 34
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> reverse primer for Serpina3G

<400> 34
gtaagcttgc ttccacctgc   20

<210> 35
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> forward primer for P2Y

<400> 35
gccagaaact ggaagcgtag   20

<210> 36
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> reverse primer for P2Y

<400> 36
ggtcacgaaa ctctgaagcc   20

<210> 37
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> forward primer for lymphocyte-specific PTK

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<400>  37
gaatctgagc cgtaaggacg                                              20


<210>  38
<211>  20
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  reverse primer for lymphocyte-specific PTK

<400>  38
ctgcataaag ccggactagc                                              20


<210>  39
<211>  20
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  forward primer for semaphorin 6A precursor

<400>  39
aagccaccta gagcgatttg                                              20


<210>  40
<211>  20
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  everse primer for semaphorin 6A precursor

<400>  40
gcttccagaa gatcacaggg                                              20


<210>  41
<211>  34
<212>  DNA
<213>  Artificial Sequence

<220>
<223>  forward primer for CD122

<400>  41
gtcgacgctc ctctcagctg tgatggctac cata                              34


<210>  42
<211>  36
<212>  DNA
<213>  Artificial Sequence
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<220>
<223> reverse primer for CD122

<400> 42
ggatcccaga agacgtctac gggcctcaaa ttccaa   36

<210> 43
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> forward primer for perforin

<400> 43
gtcacgtcga agtacttggt g   21

<210> 44
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> reverse primer for perforin

<400> 44
aaccagccac atagcacaca t   21

<210> 45
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> forward primer for bata-actin

<400> 45
gtggggcgcc ccaggcacca   20

<210> 46
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> reverse primer for beta-actin

<400> 46
ctccttaatg tcacgcacga tttc   24

<210> 47

<211> 1425
<212> DNA
<213> Artificial Sequence

<220>
<223> Mus musculus

<400> 47
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atggagagca aagccctgct cctggtggtc ctgggagttt ggctccagag tttgaccgcc        60

ttccgaggag gggtggccgc agcagacgca ggaagagatt tctcagacat cgaaagcaaa       120

tttgccctaa ggacccctga agacacagct gaggacactt gtcatctcat tcctggatta       180

gcagactctg tgtctaactg ccacttcaac cacagcagca agaccttcgt ggtgatccat       240

ggatggacgg taacgggaat gtatgagagt gggtgcccca acttgtggc cgccctgtac       300

aagagagaac ctgactccaa tgtcattgta gtagactggt tgtatcgggc ccagcaacat       360

tatccagtgt cagctggcta caccaagctg gtgggaaatg atgtggccag attcatcaac       420

tggatggagg aggagtttaa gtaccccta gacaacgtcc acctcttagg gtacagcctt       480

ggagcccatg ctgctggcgt agcaggaagt ctgaccaata gaaggtcaa tagaattact       540

ggtttggatc cagctgggcc taactttgag tatgcagaag cccccagtcg cctttctcct       600

gatgacgctg attttgtaga tgtcttacac acatttacca gggggtcacc tggtcgaagt       660

attgggatcc agaaaccagt ggggcatgtt gacatttatc ccaatggagg cactttccag       720

ccaggatgca cattggagag agccatccgt gtgattgcag agagaggact cggagacgtg       780

gaccagctgg tgaagtgctc gcatgagcgc tccattcatc tcttcattga ctccctgctg       840

aatgaagaaa accccagcaa agcatacagg tgcaactcca aggaagcctt tgagaaaggg       900

ctctgcctga gttgtagaaa gaatcgctgt aacaatctgg ctatgagat caacaaggtc       960

agagccaaga gaagcagcaa gatgtacctg aagactcgct ctcagatgcc ctacaaagtg      1020

ttccattacc aagtcaagat tcacttttct gggactgaga atggcaagca acacaaccag      1080

gccttcgaaa tttctctgta cggcacagtg gccgagagcg agaacattcc cttcaccctg      1140

cccgaggttt ccacaaataa aacctactcc ttcttgattt acacggaggt ggacatcgga      1200

gaactgctca tgatgaagct taagtggatg agcgactcct acttcagctg gcccgactgg      1260

tggagcagcc ccagcttcgt catcgagagg atccgagtga aagccggaga gactcagaaa      1320

aaggtcatct tctgtgctag ggagaaagtt tctcatctgc agaagggaaa ggactcagca      1380

gtgtttgtga aatgccatga caagtctctg aagaagtctg gctga                      1425
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<210> 48
<211> 474
<212> PRT
<213> Artificial Sequence

<220>
<223> Mus musculus

<400> 48

Met Glu Ser Lys Ala Leu Leu Leu Val Val Leu Gly Val Trp Leu Gln
1   5   10   15

Ser Leu Thr Ala Phe Arg Gly Gly Val Ala Ala Ala Asp Ala Gly Arg
                20   25   30

Asp Phe Ser Asp Ile Glu Ser Lys Phe Ala Leu Arg Thr Pro Glu Asp
            35   40   45

Thr Ala Glu Asp Thr Cys His Leu Ile Pro Gly Leu Ala Asp Ser Val
        50   55   60

Ser Asn Cys His Phe Asn His Ser Ser Lys Thr Phe Val Val Ile His
65   70   75   80

Gly Trp Thr Val Thr Gly Met Tyr Glu Ser Trp Val Pro Lys Leu Val
                85   90   95

Ala Ala Leu Tyr Lys Arg Glu Pro Asp Ser Asn Val Ile Val Val Asp
                100   105   110

Trp Leu Tyr Arg Ala Gln Gln His Tyr Pro Val Ser Ala Gly Tyr Thr
            115   120   125

Lys Leu Val Gly Asn Asp Val Ala Arg Phe Ile Asn Trp Met Glu Glu
        130   135   140

Glu Phe Lys Tyr Pro Leu Asp Asn Val His Leu Leu Gly Tyr Ser Leu
145   150   155   160

Gly Ala His Ala Ala Gly Val Ala Gly Ser Leu Thr Asn Lys Lys Val
                165   170   175

Asn Arg Ile Thr Gly Leu Asp Pro Ala Gly Pro Asn Phe Glu Tyr Ala
                180   185   190

```
Glu Ala Pro Ser Arg Leu Ser Pro Asp Asp Ala Asp Phe Val Asp Val
    195                 200                 205

Leu His Thr Phe Thr Arg Gly Ser Pro Gly Arg Ser Ile Gly Ile Gln
    210                 215                 220

Lys Pro Val Gly His Val Asp Ile Tyr Pro Asn Gly Gly Thr Phe Gln
225                 230                 235                 240

Pro Gly Cys Asn Ile Gly Glu Ala Ile Arg Val Ile Ala Glu Arg Gly
                245                 250                 255

Leu Gly Asp Val Asp Gln Leu Val Lys Cys Ser His Glu Arg Ser Ile
                260                 265                 270

His Leu Phe Ile Asp Ser Leu Leu Asn Glu Glu Asn Pro Ser Lys Ala
    275                 280                 285

Tyr Arg Cys Asn Ser Lys Glu Ala Phe Glu Lys Gly Leu Cys Leu Ser
    290                 295                 300

Cys Arg Lys Asn Arg Cys Asn Asn Leu Gly Tyr Glu Ile Asn Lys Val
305                 310                 315                 320

Arg Ala Lys Arg Ser Ser Lys Met Tyr Leu Lys Thr Arg Ser Gln Met
                325                 330                 335

Pro Tyr Lys Val Phe His Tyr Gln Val Lys Ile His Phe Ser Gly Thr
                340                 345                 350

Glu Asn Gly Lys Gln His Asn Gln Ala Phe Glu Ile Ser Leu Tyr Gly
    355                 360                 365

Thr Val Ala Glu Ser Glu Asn Ile Pro Phe Thr Leu Pro Glu Val Ser
    370                 375                 380

Thr Asn Lys Thr Tyr Ser Phe Leu Ile Tyr Thr Glu Val Asp Ile Gly
385                 390                 395                 400

Glu Leu Leu Met Met Lys Leu Lys Trp Met Ser Asp Ser Tyr Phe Ser
                405                 410                 415
```

Trp Pro Asp Trp Trp Ser Ser Pro Ser Phe Val Ile Glu Arg Ile Arg
        420   425   430

Val Lys Ala Gly Glu Thr Gln Lys Lys Val Ile Phe Cys Ala Arg Glu
        435   440   445

Lys Val Ser His Leu Gln Lys Gly Lys Asp Ser Ala Val Phe Val Lys
     450   455   460

Cys His Asp Lys Ser Leu Lys Lys Ser Gly
465   470

<210> 49
<211> 860
<212> DNA
<213> Artificial Sequence

<220>
<223> Mus musculus

<400> 49
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cgccggccgc ttcgagcctg agccctttgc aacttcgtcg ttccgccgct ccagcgtcgc   120

caccgcgcct cgccccgccg ccaccatgac caccgcgtct ccctcgcaag tgcgccagaa   180

ctaccaccag gacgcggagg ctgccatcaa ccgccagatc aacctggagt tgtatgcctc   240

ctacgtctat ctgtctatgt cttgttattt tgaccgagat gatgtggctc tgaagaactt   300

tgccaaatac tttctccacc aatctcatga ggagagggag catgccgaga aactgatgaa   360

gctgcagaac cagcgaggtg ccgaatctt cctgcaggat ataaagaaac agaccgtga   420

tgactgggag agcgggctga atgcaatgga gtgtgcactg cacttggaaa agagtgtgaa   480

tcagtcacta ctggaactgc acaaactggc tactgacaag aatgatcccc acttatgtga   540

cttcattgag acgtattatc tgagtgaaca ggtgaaatcc attaaagaac tgggtgacca   600

cgtgaccaac ttacgcaaga tgggtgcccc tgaagctggc atggcagaat atctctttga   660

caagcacacc ctgggacacg gtgatgagag ctaagctgac ttccccaaag ccacgtgact   720

ttactggtca ctgaggcagt gcatgcatgt caggctgcct tcatcttttc tataagttgc   780

accaaaacat ctgcttaagt tctttaattt gtaccatttc ttcaaataaa gaattttggt   840

acccaaaaaa aaaaaaaaaa   860